

## **Midland WR-100**

### **EasyStart Guide for Schools**

This Midland WR-100 radio will alert you to weather and civil emergencies in your school's local area. You will need to program your radio to receive information for your specific school.

This radio comes with a manufacturer's manual, which should be saved along with this EasyStart Guide. If for some reason this EasyStart Guide for Schools is all you have, here are some simple reminders to allow you to operate your radio.

<b>Batteries</b>	<p>The Midland WR-100 takes 3 AA batteries. Do NOT use rechargeable batteries.</p> <p>Install the batteries and plug the radio into a wall outlet and connect the cord to the back of the radio at the port labeled DC JACK. Batteries will serve as backup power.</p>
<b>General information for setup</b>	<p>Here is some basic information on how to navigate the controls on the WR-100.</p> <ol style="list-style-type: none"><li>1. Press the MENU key</li><li>2. Use the UP arrow until you get to the menu you want; menu choices are:<ol style="list-style-type: none"><li>a. TIME (This is the current time; you will see this displayed on the LCD screen under normal operating conditions.)</li><li>b. ALARM (This is the alarm clock which you can choose to set or not to set; it will not affect any weather or emergency alert function.)</li><li>c. CHANNEL (You must select a single best channel, usually channel 1 or channel 7.)</li><li>d. SAME SET (You must program in one or more six digit numbers identifying your school's specific area; this will allow only those warnings which apply to your area to be received.)</li><li>e. ALT TYPE – Sets the ALERT TYPE for the radio when an alert occurs (DISPLAY, TONE, or VOICE).</li></ol></li></ol> <p>NOTE: If you want to control the release of information (such as an AMBER Alert) and minimize rumors among students and other visitors who may overhear broadcasts, it is suggested you program the TONE Alert Type. In this mode, the Alert tones will sound for five minutes. However, after hearing the Alert</p>

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	<p>tone, you can read the warning in the LCD display and turn off the Alert tone by pressing any button —except the “WEATHER/SNOOZE” button which toggles to voice weather broadcast.</p> <p>f. LIGHT (Your options are BLT ON and BLT NORMAL. BLT is short for backlight; the normal setting save energy by turning on the backlight only after you push a button.)</p>
Setting the Time	<p>When you first connect the WR-100 to power, you will need to set basic information. Details for setting up this information are in both the manual which accompanied this radio and online at: <a href="http://public-alert-radio.nws.noaa.gov/proginfo.htm">http://public-alert-radio.nws.noaa.gov/proginfo.htm</a></p> <p><b>To set the time:</b></p> <ol style="list-style-type: none"> <li>1. Press the MENU key</li> <li>2. Press the UP arrow key until TIME appears on the LCD display</li> <li>3. Press SELECT key</li> <li>4. Press the UP arrow key until current time is displayed (note AM/PM on right)</li> <li>5. Press the RIGHT arrow key to save hour and advance to minutes (increments of 10)</li> <li>6. Press the UP arrow key until current minute is displayed</li> <li>7. Press the RIGHT arrow key to save the minute</li> <li>8. Press SELECT key to store the current time</li> <li>9. Press MENU until menu is closed and current time is displayed</li> </ol>
Setting your Channel	<p>When you program the Weather/Hazard channel, you may hear weather and hazard alerts on more than one channel. This means that you are receiving broadcast from more than one National Weather Service station in your school’s area. Simply choose the one that sounds clearest.</p> <p><b>To set your NOAA Weather Channel:</b></p> <ol style="list-style-type: none"> <li>1. Turn the radio on using the switch on the right side</li> <li>2. Press the MENU key</li> <li>3. Press the UP arrow key until CHANNEL appears on the LCD display</li> <li>4. Press the SELECT key</li> </ol>

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	<ol style="list-style-type: none"><li>5. Press the arrow UP key to choose the channel with the best reception. (Because you've turned on the WEATHER RADIO switch located on the right hand side of the WR-100, you will be able to hear each Channel as you scroll through.)</li><li>6. Press the MENU key TWICE to save the best Channel for your school and to exit the menu mode</li></ol>
<b>Finding and setting the SAME Geographic code</b>	<p>The WX-100 can accept more than one Specific Area Message Encoding (SAME) geographic location code; this radio has the SAME code numbers already in it. Your radio will receive all the messages sent from the NWR transmission tower, which has a range of around 30 to 40 miles. Setting your radio to the specific county your school is in will eliminate messages meant for your surrounding areas.</p> <p><b>To find your SAME code:</b></p> <ol style="list-style-type: none"><li>1. Go to the website <a href="http://www.nws.noaa.gov/nwr">http://www.nws.noaa.gov/nwr</a></li><li>2. Click on "Station Listings" on the left hand side of the page</li><li>3. Click on "County by county coverage" in the middle of the page</li><li>4. Click on your state</li><li>5. Scroll down the page to find your COUNTY/CITY AREA</li><li>6. Decide if your school's impact area includes only one or more than one SAME area(s)</li><li>7. You should write down the six digit number(s) from the SAME column so you don't forget them</li></ol> <p>You can also call 1-888-697-7263 to get the SAME code number/s. A more thorough explanation of SAME codes is available in the owner's manual.</p> <p><b>To set your SAME Code:</b></p> <ol style="list-style-type: none"><li>1. Press the MENU key</li><li>2. Press the UP arrow key until SAME SET is displayed</li><li>3. Press the SELECT key</li><li>4. Press the UP arrow key until SINGLE is displayed</li><li>5. Press the SELECT key; you will see "SAME 01"</li><li>6. Press the SELECT key again</li><li>7. One of the digits of the six digit number will be displayed</li></ol>

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	<ol style="list-style-type: none"> <li>8. Press the UP arrow key until the number reads correctly</li> <li>9. Press the RIGHT arrow key to go to the next number in the sequence</li> <li>10. Repeat with the UP and RIGHT arrow keys until the appropriate number is displayed</li> <li>11. Push the MENU key four (4) times until you get the current time display</li> </ol> <p>You have now set the SAME Geographical LOCATION for your school. If you wish to receive alerts for other areas, such as an adjacent county where some of your students live, start again with step number 1 above. When you get to step number 4, however, choose MULTIPLE instead of SINGLE. Then,</p> <ol style="list-style-type: none"> <li>1. Press the SELECT key</li> <li>2. Press the UP arrow key to get to SAME 02</li> <li>3. Press the SELECT key</li> <li>4. Set the second location code by following steps 7 through 11 above</li> </ol>
Testing your reception	<p>You have now set the most important features of the WR-100, and it is now important to make sure your reception is proper.</p> <p><b>To test reception:</b></p> <ol style="list-style-type: none"> <li>1. Look for the word "NOAA" on the display (this will tell you whether the radio is turned on)</li> <li>2. Push the WEATHER/SNOOZE key (you should hear a current weather report)</li> <li>3. Push the WEATHER/SNOOZE key again to silence the radio</li> </ol> <p><b>NOTE:</b> You should receive periodic warning tests every Wednesday between 10:00 am and 12:00 noon.</p>
Improving your reception	<p>Reception problems can be improved by changing the radio's position:</p> <ul style="list-style-type: none"> <li>• Move the radio away from metal cabinets</li> <li>• Move the radio higher and closer to windows</li> </ul> <p>Reception can also be improved by using an external antenna available from the manufacturer and local electronic or science stores. Often a simple, flat T-shaped dipole antenna similar to the type used for stereo receivers is sufficient. For more information, see "Methods to Improve Reception of Weather Radio Broadcasts" online at</p>

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	<a href="http://www.crh.noaa.gov/mqt/index.php?page=nwr/antenna">http://www.crh.noaa.gov/mqt/index.php?page=nwr/antenna</a> .
<b>More information</b>	Detailed instructions can be found in your Midland WR-100 User's Manual or on the Public-Alert-Radio web site at <a href="http://public-alert-radio.nws.noaa.gov/proginfo.htm">http://public-alert-radio.nws.noaa.gov/proginfo.htm</a> .

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